

Listing of Claims:

1. (Currently amended) A ~~composition~~ method for treating a particulate comprising:

applying to a particulate in need of treatment an effective amount of a composition
comprising an aqueous particulate material treating agent comprising a dissolved sugar solid.
2. (Currently amended) The ~~composition~~ method of claim 1, including wherein said dissolved sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.
3. (Currently amended) The ~~composition~~ method of claim 2, including wherein said dissolved sugar solid comprises between about 12 to about 18 percent by weight of said monosaccharide.
4. (Currently amended) The ~~composition~~ method of claim 1, including wherein said composition further ~~comprising~~ comprises a hygroscopic salt.
5. (Currently amended) The ~~composition~~ method of claim 4, wherein said hygroscopic salt is selected from the group consisting of magnesium chloride, ~~sodium chloride~~, and calcium chloride ~~and potassium chloride~~.
6. (Currently amended) A method for dust control and soil ~~stabilizing~~ stabilization
~~composition~~ comprising:

applying to an area in need of dust control and soil stabilization an effective amount of an
aqueous dust control and soil stabilizing composition comprising a dissolved sugar solid.

7. (Currently amended) The ~~composition~~ method of claim 6, including wherein said dissolved sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

8. (Currently amended) The ~~composition~~ method of claim 6, including wherein said dissolved sugar solid comprises between about 12 percent to about 18 percent by weight of a monosaccharide.

9. (Currently amended) The ~~composition~~ method of claim 6, including wherein said composition further ~~comprising~~ comprises a hygroscopic salt.

10. (Currently amended) The ~~composition~~ method of claim 9, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride, ~~sodium chloride,~~ and calcium chloride ~~and potassium chloride.~~

11. (Currently amended) The ~~composition~~ method of claim 1 or 6, including wherein the sugar profile of said dissolved sugar solid comprises between about 2 to about 60 percent dextrose, between about 2 to about 60 percent maltose, between about 2 to about 60 percent maltotriose, and between about 15 to about 80 percent polymers of dextrose.

12. (Currently amended) The ~~composition~~ method of claim 2 or 7, including wherein said monosaccharide comprises dextrose.

13. (Cancelled).

14. (Currently amended) A ~~composition~~ method for treating a particulate comprising:
applying to a particulate in need of treatment an effective amount of a sugar-water solution having between about 15 to about 80 percent by weight of a dissolved sugar solid,

wherein said dissolved sugar solid comprises between about 2 to about 60 percent by weight of a monosaccharide;

and a salt.

15. (Currently amended) The ~~composition~~ method of claim 14, including wherein said dissolved sugar solid comprises between about 12 to about 18 percent of said monosaccharide.

16. (Currently amended) The ~~composition~~ method of claim 15, including wherein said salt is a hygroscopic salt.

17. (Currently amended) The ~~composition~~ method of claim 16, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride, ~~sodium chloride,~~ and calcium chloride ~~and potassium chloride.~~

18. (Cancelled).

19. (Currently amended) The method of claim ~~1~~ 18, including wherein said particulate is a friable solid selected from the group consisting of gravel, a soil, a cinder, a sand, a mineral, coal, sawdust, woodchips, bark mulch, a dirt, coal dust, rock dust, clay, and an aggregate.

20-22. (Cancelled).

23. (Currently amended) A ~~composition~~ method for treating a particulate comprising:
applying to a particulate in need of said treatment a composition comprising between
about 5 percent to about 50 percent by weight on a dry basis of a sugar solid.

24. (Currently amended) The ~~composition~~ method of claim 23, including wherein said sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

25. (Currently amended) The ~~composition~~ method of claim 23, including wherein said composition further comprises ~~further comprising~~ between about 60 percent to about 90 percent by weight on a dry basis of salt.

26. (Currently amended). The ~~composition~~ method of claim 1, 4, 5, 6, 9, 10, 14 or 23, including wherein said composition further comprising comprises lignin.

27. (Currently amended) The ~~composition~~ method of claim 1, 4, 5, 6, 9, 10, 14 or 23, including wherein said composition further comprising comprises a tracer.

28. (Currently amended) The ~~composition~~ method of claim 27, including wherein said tracer is a fluorescent dye.

29. (New) A method of treating a surface, comprising applying to a surface in need of treatment an effective amount of an aqueous particulate material treating agent comprising a dissolved sugar solid.

30. (New) The method of claim 29, including wherein said surface is selected from the group consisting of a road, a walkway, a parking lot, a floor, a coal pile, a runway, a helicopter landing pad, a driveway, a bicycle path, a jogging path, a forest trail, a garden path, a construction site, a mine tailing pond, a tailings pile, a slope, a berm, a sand dune, a hillside, a mineral storage pile, a railway transit car, and a storage container.

31. (New) A surface, wherein said surface has been treated by the method of claim 29.

32. (New) A composition comprising an aqueous particulate material treating agent comprising a dissolved sugar solid and lignin.

33. (New) The composition of claim 32, wherein said composition further comprises a hygroscopic salt.

34. (New) The composition of claim 33, wherein said hygroscopic salt is selected from the group consisting of magnesium chloride and calcium chloride.

35. (New) The composition of claim 32, further comprising a tracer.